

# Corelogger Protocol

**Core label:** PS64/372

**Core type:** SL

**Length:** 4.74m

## 1. Measurement

**Date:** 11.07.2003

**Name:** Usbeck

Section	Depth (Corelabel)	Comments
1	0-51	Bad acoustic coupling (gas)
2	51-151	Bad acoustic coupling (gas)
3	151-251	Bad acoustic coupling (gas)
4	251-351	Bad acoustic coupling (gas)
5	351-438	Bad acoustic coupling (gas)
6	438-474	Bad acoustic coupling (gas)
<b>Total</b>	<b>474</b>	

### Comments:

- Measured at approx. 6 °C, directly after retrieval
- Poor acoustic signal due to high gas content
- Temperatures logged (approx. every 10 cm)
- T from ca. 6 °C (top) to 14 °C (bottom)
- PW-velocities probably not correct (gas caves in core, low amplitudes)
- Interval 2cm
- Core measured from bottom to top, data reversed afterwards

## 2. Processing

**Name:** Usbeck

### MSCL-parameter, measurement conditions, and calibrations:

- PTO: 7.49  $\mu$ s at 7.7 °C
- $\gamma$ -Density: a = 0.0002, b = -0.0703, c = 9.9033
- PW-velocity normalized to 20 °C
- BED = 0.17
- Liner thickness 2.5 mm
- Outer liner diameter 125 mm
- Susceptibility sensor (10-6 SI): Loop
- Susceptibility volume correction (10-5 SI): 6.39

**Comments:**

- Drift and ends of cores corrected for magnetic susceptibility (10cm).
- Negative susceptibility values removed
- Density values and at section breaks removed
- Temperature and PW-veloc. supplied to PANGAEA

## 2. Processing

**Date:** 12.07.2003

**Name:** Usbeck

### FILES

**Raw data:** PS64\_372.dat

**ASCII data:** PS64\_372.raw

**Calibration:** ANTXX\_SL\_030102.xls

**MSCL-parameter:** PS64\_372.pro

**Processed data (MSCL):** PS64\_372.out

**Processed data (Excel):** PS64\_372.xls

**Verified data for Pangaea ASCII:** PS64\_372.txt

### **Comments:**

- For MSCL-parameters (BED, I0, etc.) see '.pro'-file.
- Drift and ends of cores corrected for magnetic susceptibility (10cm).
- Density values at section breaks removed